

ABSTRACT OF THE DISCLOSURE

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An operating system for a machine which displays text during machine operation includes a machine control operating system; a user operating system enabling operation of the machine control operating system by an operator of the machine, the user operating system including one or more lines of code that incorporate text using unique identifiers; a library containing a plurality of lines of text in a first language for use by the user operating system, wherein each of the plurality of lines of text is referenced by one of the unique identifiers; a national language database storing a plurality of lines of text in a second language, the second language being different than the first language, wherein each of the plurality of lines of text is referenced by one of the unique identifiers; and an editor for specifying one of the first and second languages, so that the user operating system incorporates the text in the specified language.